In the Specification

At page 1, after the title, insert

--Government Funding

Work described herein was supported under grants (HL 46320, HL 41474, and HL 42467) awarded by the National Institutes of Health. The U.S. government therefore may have certain rights to this invention.--

At page 6, line 25, after "A", insert --(SEQ ID NO:1)--;

line 25, after "B", insert -- (SEQ ID NO:2)--;

line 25, after "C", insert --(SEQ ID NO:5)--; and

line 25, after "D", insert --(SEQ ID NO:6)--.

At page 8, line 4, after "A", insert --(SEQ ID NO:1)--;

line 4, after "B", insert --(SEQ ID NO:2)--;

line 4, after "A'", insert --(SEQ ID NO:3)--;

line 4, after "B'", insert --(SEQ ID NO:4)--;

line 30, after "B9.1F", insert --(SEQ ID NO:9)--; and

line 30, after "B9.1R", insert --(SEQ ID NO:10)--.

At page 20, line 12, after "A", insert --(SEQ ID NO:1)--;

line 12, after "C", insert --(SEQ ID NO:5)--;

line 26, after "A'", insert --(SEQ ID NO:3)--;

line 27, after B'", insert --(SEQ ID NO:4)--;

line 27, after "C'", insert --(SEQ ID NO:7)--; and

line 27, after "D'", insert --(SEQ ID NO:8)--.

At page 21, line 16, after "3'" and before ";", insert --(SEQ ID NO:1)--.

line 17, after "CAGACTTGTCAGCCT3'" and before ";", insert --(SEQ ID NO:2);

line 17, after "5'ATGCCAACCCTGCTCTGGAGGCCT3'" and before ";", insert --(SEQ ID NO:3)--;

line 18, after "3'" and before ";", insert --(SEQ ID NO:4)--;

line 19, after "CAGAGGAGAAAA3'" and before ";", insert (SEQ ID NO:5)--;

line 19, after "GCGGTACCCCAGCAGCCCGGCCTTGAAGAA3'" and before ";", insert --(SEQ ID NO:6)--;

line 20, after "3'" and before ";", insert --(SEQ ID NO:7)--;

line 21, after "3'" and before ";", insert --(SEQ ID NO:8)--;

line 22, after "CATC3'" and before ";", insert --(SEQ ID NO:9)--; and

line 22, after "5'GCTGAGCCTAGCAGATTCATGGCAC3'" and before ".", insert --(SEQ ID NO:10)--.

At page 23, line 14, after "C", insert --(SEQ ID NO:5)--;

line 14, after "D", insert --(SEQ ID NO:6)--;

line 15, after "A", insert --(SEQ ID NO:1)--;

line 15, after "B", insert --(SEQ ID NO:2)--;

line 17, after "C'", insert --(SEQ ID NO:7)--;

line 17, after "D'", insert --(SEQ ID NO:8)--;

line 17, after "A'", insert --(SEQ ID NO:3)--; and

line 18, after "B'", insert --(SEQ ID NO:4)--.

At page 24, line 17, after "C", insert --(SEQ ID NO:5)--;

line 17, after "D", insert --(SEQ ID NO:6)--;

line 18, after "C'", insert --(SEQ ID NO:7)--; and

line 18, after "D'", insert --(SEQ ID NO:8)--.

At page 25, line 24, after "A", insert --(SEQ ID NO:1)--;

line 24, after "B", insert --(SEQ ID NO:2)--;

line 24, after "A'", insert --(SEQ ID NO:3)--; and

line 24, after "B'", insert --(SEQ ID NO:4)--.

At page 39, line 16, after "Table 2", delete "in" and insert --and--.

At page 40, line 26, after "in", delete "he" and insert --the--.

In the Claims

All of the pending claims are set forth below for the Examiner's convenience.

Please cancel claim 31. Please add new claims 39-43.

Please amend the claims as indicated below.

1.   (Amended) A method for detecting the presence or absence of a mutation associated with hypertrophic cardiomyopathy for facilitating the diagnosis of hypertrophic cardiomyopathy, comprising:

amplifying ß cardiac myosin heavy-chain DNA forming an amplified product; and